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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the
National Poultry Improvement Plan,
By States and Divisions, 1963-64 and 1964-65 and
U. S. Summary 1959-60 to date



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HIGHLIGHTS

Continuing the trends of the past several years, the number and hatching egg capacity of participating hatcheries in 1964-65 was less than in the previous year while the average egg capacity per hatchery was greater. Decreases in the number and egg capacity of hatcheries occurred in all regions and with few exceptions occurred in all States.

The number of breeding birds in participating flocks decreased to 32.9 million, which was the lowest number reported in the past six years. The number of participating flocks continued to decline while the average size of breeding flocks reached an all time high of 2,286 birds.

The number of reactors found on the first test of breeding birds was down to .004 percent, the lowest on record. This represented one reactor in every 22,707 birds tested as compared to one reactor in every 18,156 birds in 1963-64 and 5,436 birds in 1959-60.

Table 1 - Hatchery Participation in the National Poultry Improvement Plan,
by States and Divisions, 1963-64 and 1964-65

State and Division	1963-64		1964-65	
	Number	Egg Capacity	Number	Egg Capacity
Maine	10	6,598,736	7	3,456,480
New Hampshire	9	2,310,000	5	1,788,500
Vermont	4	102,580	3	81,580
Massachusetts	52	3,484,759	46	2,865,618
Rhode Island	6	509,490	6	509,490
Connecticut	31	7,484,255	26	7,225,055
New York	22	3,359,200	19	3,041,120
New Jersey	37	4,995,950	31	4,146,750
Pennsylvania	58	11,440,128	53	11,715,560
NORTH ATLANTIC	229	40,285,098	196	34,830,153
Ohio	73	9,298,156	65	7,198,718
Indiana	112	16,483,000	102	15,351,000
Illinois	101	12,912,138	93	11,991,487
Michigan	38	3,773,443	35	3,622,257
Wisconsin	22	3,417,920	18	2,938,120
EAST NORTH CENTRAL	346	45,884,657	313	41,101,582
Minnesota	107	9,854,000	95	9,251,620
Iowa	55	7,683,720	53	8,990,720
Missouri	80	17,820,759	56	12,769,319
North Dakota	20	1,734,350	17	1,457,180
South Dakota	38	3,930,360	28	2,979,200
Nebraska	48	4,915,005	42	4,078,035
Kansas	47	3,591,940	40	3,290,200
WEST NORTH CENTRAL	395	49,530,134	331	42,816,274
Delaware	18	10,908,154	18	12,906,620
Maryland	26	17,477,520	24	18,368,500
Virginia	35	12,555,120	32	11,312,580
West Virginia	6	1,033,220	5	911,000
North Carolina	87	23,592,164	78	23,811,336
South Carolina	15	2,860,300	13	2,789,500
Georgia	132	44,855,998	115	43,135,835
Florida	33	5,912,140	31	5,771,432
SOUTH ATLANTIC	352	119,194,616	316	119,006,803
Kentucky	19	1,487,800	17	1,483,200
Tennessee	24	3,170,340	20	2,922,520
Alabama	30	14,992,592	28	12,497,992
Mississippi	43	19,556,402	35	19,638,696
Arkansas	42	22,261,728	36	21,774,912
Louisiana	8	1,048,000	6	1,630,000
Oklahoma	25	3,863,260	22	3,399,260
Texas	14	2,466,480	10	2,232,080
SOUTH CENTRAL	205	68,846,602	174	65,578,660
Montana	13	854,060	7	608,980
Idaho	11	872,740	11	844,100
Wyoming	2	95,000	1	31,000
Colorado	7	902,000	7	694,000
New Mexico	1	50,000	---	---
Arizona	5	413,000	5	413,000
Utah	9	991,000	8	944,000
Washington	22	3,596,316	21	3,534,156
Oregon	19	2,997,020	16	2,531,020
California	14	3,988,000	12	3,656,000
WESTERN	103	14,759,136	88	13,256,256
UNITED STATES	1,630	338,500,243	1,418	316,589,728

Table 2 - Flock Participation in the National Poultry Improvement Plan,
by States and Divisions, 1963-64 and 1964-65

State and Division	1963-64			1964-65		
	Flocks	Birds	Avg. Birds per flock	Flocks	Birds	Avg. Birds per flock
Maine	174	1,170,658	6,728	175	707,884	4,045
New Hampshire	73	382,073	5,234	76	434,424	5,716
Vermont	54	78,523	1,454	36	84,546	2,349
Massachusetts	189	441,667	2,337	113	497,204	4,400
Rhode Island	22	39,864	1,812	20	60,481	3,024
Connecticut	172	417,441	2,427	94	362,369	3,855
New York	74	334,006	4,514	58	297,309	5,126
New Jersey	101	406,500	4,025	86	236,904	2,755
Pennsylvania	500	1,283,017	2,566	431	1,146,339	2,660
NORTH ATLANTIC	1,359	4,553,749	3,351	1,089	3,827,460	3,515
Ohio	784	463,453	591	709	500,313	706
Indiana	1,694	1,314,997	776	1,163	1,120,601	964
Illinois	1,432	725,384	507	1,178	631,534	536
Michigan	170	211,193	1,242	128	184,229	1,439
Wisconsin	208	183,570	883	143	170,919	1,195
EAST NORTH CENTRAL	4,288	2,898,597	676	3,321	2,607,596	785
Minnesota	779	851,723	1,093	676	790,120	1,169
Iowa	862	627,269	728	686	586,390	855
Missouri	2,728	1,136,279	417	1,620	682,990	422
North Dakota	243	89,613	369	182	62,386	343
South Dakota	287	171,026	596	220	149,854	681
Nebraska	413	238,993	579	330	203,138	616
Kansas	439	243,837	555	303	189,290	625
WEST NORTH CENTRAL	5,751	3,358,740	584	4,017	2,664,168	663
Delaware	189	473,722	2,506	112	358,716	3,203
Maryland	141	357,948	2,539	104	408,977	3,932
Virginia	576	1,084,583	1,883	385	974,050	2,530
West Virginia	110	40,221	366	92	33,696	366
North Carolina	1,684	5,501,107	3,267	1,582	5,668,116	3,583
South Carolina	109	351,687	3,226	110	431,142	3,919
Georgia	1,114	6,104,666	5,480	978	6,111,572	6,249
Florida	59	292,411	4,956	44	306,744	6,971
SOUTH ATLANTIC	3,982	14,206,345	3,568	3,407	14,293,013	4,195
Kentucky	144	63,027	438	133	64,605	486
Tennessee	263	397,164	1,510	225	355,963	1,582
Alabama	505	2,662,214	5,272	437	2,652,683	6,070
Mississippi	456	2,192,055	4,807	328	2,132,743	6,502
Arkansas	847	3,252,423	3,840	651	2,447,782	3,760
Louisiana	81	375,837	4,640	46	232,187	5,048
Oklahoma	303	217,398	717	224	179,129	800
Texas	35	260,710	7,449	53	237,273	4,477
SOUTH CENTRAL	2,634	9,420,828	3,577	2,097	8,302,365	3,959
Montana	45	38,111	847	45	32,593	724
Idaho	48	51,528	1,074	22	53,552	2,434
Wyoming	8	1,444	181	6	1,316	219
Colorado	29	18,280	630	57	40,795	716
New Mexico	---	---	---	---	---	---
Arizona	6	28,475	4,746	6	20,040	3,340
Utah	26	44,193	1,700	16	34,150	2,134
Washington	135	401,804	2,976	114	386,962	3,394
Oregon	187	241,015	1,289	173	251,527	1,454
California	47	496,158	10,557	42	423,110	10,074
WESTERN	531	1,321,008	2,488	481	1,244,045	2,586
UNITED STATES	18,545	35,759,267	1,928	14,412	32,938,647	2,286

Table 3 - Summary of Hatchery Participation in the National Poultry Improvement Plan, 1959-60 to 1964-65, inclusive

Item		1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
Number Hatcheries		2,280	2,098	1,997	1,776	1,630	1,418
Hatching Egg Capacity		375,589,704	364,752,001	361,624,185	344,168,263	338,500,243	316,589,728
Percent Increase	No.	-16.1	-7.98	-4.81	-11.1	-8.2	-13.0
or Decrease	Cap.	-6.5	-2.88	-0.86	-4.8	-1.6	-6.5
Avg. Cap. per Hatchery		164,732	173,857	181,084	193,788	207,669	223,265
C & MS Hatchery	No.		3,513		2,900		2,365
Estimate	Cap.		508,500,000		493,797,000		471,318,000
Percent of C & MS	No.		59.7		61.2		60.0
Estimate Participating	Cap.		71.7		69.7		67.2
U. S. Approved	No.	2,092	1,938	1,823	1,626	1,496	1,303
and	Cap.	347,807,969	338,282,747	336,220,227	320,824,361	318,823,319	297,912,965
Certified 1/	Per.	92.6	92.7	93.0	93.2	94.2	94.1
Pullorum Classes	No.	188	160	174	150	134	115
Only (no breeding	Cap.	27,781,735	26,469,254	25,403,958	23,343,902	19,676,924	18,676,763
stage) 2/	Per.	7.4	7.3	7.0	6.8	5.8	5.9
U. S.	No.	122	81	81	67	65	56
Pullorum-Typhoid	Cap.	23,894,478	17,868,952	16,784,270	16,759,727	17,986,800	15,315,816
Passed 3/	Per.	6.4	4.9	4.6	4.9	5.3	4.8
U. S.	No.	2,158	2,017	1,916	1,709	1,565	1,362
Pullorum-Typhoid	Cap.	351,695,226	346,883,049	344,839,915	327,408,536	320,513,443	301,273,912
Clean 4/	Per.	93.6	95.1	95.4	95.1	94.7	95.1

1/ Produced U. S. Approved and/or U. S. Certified chicks.	3/ Produced U. S. Pullorum-Typhoid Passed chicks.
2/ Produced no U. S. Approved or U. S. Certified chicks.	4/ Produced U. S. Pullorum-Typhoid Clean chicks.

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Table 4 - Summary of Flock Participation in the National Poultry Improvement Plan, 1959-60 to 1964-65, inclusive

Item		1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
Number Flocks		36,838	31,846	28,301	20,827	18,545	14,412
Number Birds		36,100,789	36,599,927	36,989,724	34,936,251	35,759,267	32,938,644
Percent Increase or Decrease	Flocks	-26.8	-13.6	-11.1	-26.4	-11.0	-22.3
	Birds	-9.6	+1.4	+1.0	-5.6	+2.4	-7.9
Avg. No. Birds per Flock		980	1,149	1,307	1,677	1,928	2,286
U. S. Approved	Flocks	35,104	30,506	26,724	19,544	17,132	13,304
	Birds	32,472,541	33,121,994	32,831,026	31,233,141	32,466,185	29,913,134
	Per.	90.0	90.5	88.8	89.4	90.8	90.8
U. S. Certified	Flocks	641	354	490	382	579	477
	Birds	628,572	556,065	1,157,355	1,068,084	1,210,897	1,167,181
	Per.	1.7	1.5	3.1	3.1	3.4	3.6
Pullorum Classes Only (no breeding stage)	Flocks	1,093	986	1,087	901	834	631
	Birds	2,999,676	2,921,868	3,001,343	2,635,026	2,082,185	1,858,332
	Per.	8.3	8.0	8.1	7.5	5.8	5.6
U. S. Pullorum-Typhoid Passed	Flocks	1,198	361	430	372	347	257
	Birds	1,170,178	707,028	1,473,480	1,418,427	1,337,423	1,525,736
	Per.	3.2	1.9	4.0	4.1	3.7	4.6
U. S. Pullorum-Typhoid Clean	Flocks	35,640	31,485	27,871	20,455	18,198	14,155
	Birds	34,930,611	35,892,899	35,516,244	33,517,824	34,421,844	31,412,911
	Per.	96.8	98.1	96.0	95.9	96.3	95.4
FIRST TEST	No. Flocks	37,857	33,334	28,869	21,272	18,816	14,719
	No. Birds	37,030,568	37,124,938	37,596,298	35,236,200	36,257,094	33,175,336
	No. Reactors	6,812	4,892	6,950	1,797	1,997	1,461
	Percent Reactors	.018	.013	.018	.005	.006	.004

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.